



# Tennessee Crop Weather

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In Cooperation with Tennessee Department of Agriculture

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For the week ending July 21, 2013

## CROPS STILL IN MOSTLY GOOD CONDITION

Scattered showers were the norm last week. These damp conditions led to some negative effects on tobacco, tomatoes and melons. Tobacco and cotton were rated mostly in fair-to-good condition. Corn and soybeans were rated in good-to-excellent condition. Farmers last week were also active scouting for insects, diseases and topping tobacco.

There were 5 days suitable for field work this past week. Topsoil moisture levels were rated 2 percent very short, 9 percent short, 71 percent adequate and 18 percent surplus. Subsoil moisture levels were rated 1 percent very short, 9 percent short, 76 percent adequate and 14 percent surplus. Temperatures averaged slightly above normal across the state. Precipitation showed large variability with most areas slightly below normal.

CROP PROGRESS					CONDITION					
Crop	This Week	Last Week	2012	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Excellent
Percent					Percent					
Corn - Silking or Beyond	85	75	97	93	Corn	0	4	14	56	26
Corn - Dough or Beyond	43	22	71	46	Cotton	2	4	21	54	19
Corn - Dent or Beyond	6	n/a	28	11	Pasture	0	2	16	65	17
Cotton - Squaring	68	52	92	94	Soybeans	1	4	16	58	21
Cotton - Setting Bolls	14	2	52	47	Tobacco	5	9	21	51	14
Soybeans - Emerged	96	88	100	100						
Soybeans - Blooming	27	15	72	61						
Soybeans - Setting Pods	9	1	44	31						
Tobacco - Topped	16	9	36	26						

n/a= not available

### County Agent Comments

*The farmers in Fayette County were busy scouting beans and cotton this week. As a result, many were in their fields spraying. Fungicides are starting in beans at R3.*

**Jeffrey Via, Fayette County**

*Conditions are turning dry except for some lower river bottoms that experienced flooding due to rains in middle & east Tn. Estimates are 6000+ acres of crops lost*

**Brian White, Hardin County**

*We have had several pop up showers this week. The rain is much needed to help yield on corn and soybeans. The cotton has really grown due to the DD60's. Many cotton fields were blooming this week. Stink bugs have been a problem this week in early planted soybeans. Plant bugs are an ongoing problem in cotton this week as well. Pastures and cattle are still in good condition.*

**Jake Mallard, Madison County**

*The much higher than normal rainfall amounts and lower temperatures for July have created excellent growing conditions for both crops and pastures. These conditions have also created more disease issues with tomatoes, such as early blight.*

**David Cook, Davidson County**

*Corn and soybeans look good. Last soybeans went into the ground this week. Tobacco has suffered significant damage from excess moisture but is looking better than last week. Pasture and cattle remain very good, but the high heat index this past week has been tough on cattle.*

**Ruth Correll, Wilson County**

*Scattered to isolated showers continue to hinder wheat and hay harvest and soybean planting. Temperatures have been warm, with highs in the low to mid 90's and lows in the mid 70's. Rainfall totals ranged from zero to nearly 1.5 inches in a few isolated spots. A few acres of wheat are still yet to be harvested, as well as several acres of soybeans waiting to be planted. Low lying areas that tend to pond water are either void of crops or have very poor crops. Crops on upland soils are in good-to-excellent condition. Farmers have been busy applying herbicides to soybeans.*

**Ed Burns, Franklin County**

*Excessive moisture is causing major problems in tobacco and commercial fruits and vegetables such as tomatoes, melons and other cucurbits.*

**Scott Chadwell, Putnam County**

*Tomatoes are stressed due to increased rain fall. Disease is high in most fields, looking at a 25% yield loss.*

**Anthony Carver, Grainger County**

TEMPERATURES AND PRECIPITATION  
 For week ending: July 21, 2013 (with comparisons)

LOCATION	TEMPERATURE				PRECIPITATION					
	Week Ending July 21, 2013				Current Week 07/21/13	Rain Days	Current Since January 1	Departure From Normal January 1	Current Since April 1	Departure From Normal April 1
	HI	LO	AVG	DFN						
West										
Ames_Plantation	96	68	81	2	1.06	3	38.56	7.59	19.71	2.51
Brownsville_TN	95	68	81	2	1.00	2	40.98	10.00	24.33	7.15
Covington	95	68	80	1	1.16	2	40.06	9.40	23.61	6.63
Dyersburg	95	68	81	1	0.37	4	37.41	8.14	22.62	6.17
Huntingdon_Wate	93	69	80	2	2.28	3	49.19	18.49	29.88	12.94
Jackson_Exp_Stn	95	67	81	2	1.13	4	42.76	11.83	24.93	7.28
Lexington_TN	92	68	80	2	0.41	2	40.26	10.40	22.66	5.99
Martin	95	69	81	3	0.50	3	40.99	10.16	24.99	7.40
Memphis_AG	95	70	82	-2	1.86	2	43.71	13.62	25.48	8.88
Milan	93	68	80	3	1.73	5	46.44	14.83	29.50	11.51
Paris	92	67	79	2	1.44	3	43.78	13.87	27.52	11.12
Savannah_6SW	94	67	80	1	0.20	3	36.00	2.27	19.93	1.66
Selmer	96	68	81	4	0.52	2	34.48	0.98	16.18	-2.08
Union_City	93	67	80	2	0.53	3	33.88	3.69	20.10	3.09
Middle										
Clarksville_Sew	97	71	83	5	0.56	2	37.90	8.75	21.35	5.85
Cookeville	91	67	78	3	0.12	1	38.03	5.12	23.59	5.71
Crossville_AP	89	67	77	4	0.54	2	41.44	8.89	26.45	8.92
Dickson_AG	92	66	79	2	0.44	2	34.90	3.44	18.78	1.33
Dover_1W	92	68	80	3	0.35	2	46.01	15.61	27.73	11.23
Fayetteville_TN	94	69	80	4	0.62	3	41.99	10.09	25.75	9.13
Jamestown	88	64	76	3	0.57	1	40.97	9.32	25.91	8.10
Kingston_Spring	95	68	82	5	0.27	4	30.20	0.22	16.47	0.46
Lewisburg	95	68	80	3	0.19	2	38.99	6.62	25.12	7.33
Livingston_WLIV	91	67	78	4	0.45	4	39.13	8.68	22.81	5.88
Lobelville	95	66	80	3	0.18	2	37.11	4.43	18.88	1.19
Murfreesboro_5N	93	68	80	3	0.19	2	39.08	8.30	24.05	7.05
Nashville_Metro	97	71	83	4	0.77	3	34.62	6.86	20.74	5.22
Oneida	90	64	77	5	0.20	2	38.57	6.79	24.11	6.20
Portland_TN	93	69	80	4	0.51	3	37.09	6.80	22.76	5.77
Pulaski_Water_P	92	66	78	-1	0.01	1	40.80	8.56	23.55	6.70
Shelbyville	94	70	81	4	0.06	1	40.96	8.73	27.14	9.79
Sparta_TN	92	67	79	4	0.15	2	40.84	8.78	25.38	7.89
Springfield	91	65	80	3	0.13	3	40.84	11.71	26.61	10.35
Springhill	95	66	80	3	0.35	2	32.68	0.30	18.56	0.79
Tullahoma	91	69	79	3	0.44	2	47.43	13.97	33.51	16.02
Waynesboro_TN	93	66	78	2	0.32	2	34.70	0.66	18.42	0.15
East										
Chattanooga/Lov	94	71	82	4	0.26	2	46.69	15.42	28.66	13.12
Cleveland_6NNE	91	68	78	2	0.58	7	44.13	11.89	26.83	10.15
Dayton	91	67	79	3	0.20	3	46.70	14.11	29.97	13.40
Erwin_1W	89	64	76	4	0.23	3	36.75	8.02	22.00	4.78
Gatlinburg_2SW	85	63	73	0	0.77	5	49.01	16.15	27.70	8.78
Greeneville	91	63	77	2	1.53	4	42.63	17.47	25.80	11.33
Kingston_AG	94	68	80	6	0.21	1	44.10	10.07	26.74	8.79
Knoxville_AP	93	67	80	4	0.23	3	46.24	17.83	25.86	10.77
Newcomb	91	62	77	5	0.50	2	38.79	7.01	23.37	5.46
Norris_4NE	91	63	77	3	1.28	3	40.80	10.10	23.72	6.91
Tri-City_RGNL_A	91	63	77	3	2.69	4	39.10	15.06	22.90	9.23

DFN = Departure from Normal (Using 1961-90 Normals Period). Rain Days = Days with precip of 0.01 inch or more during the week. Precipitation (rain or melted snow/ice) measured in inches.

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